Technical datasheet

GG S09.22 RFC



Article code: FBGG054733

General information	
Product group	High performance flat belts
Product sub type	Classic
Industry segment	Textile; Logistics
Main product feature	Shock absorbing
Application	Power transmission
Indication of use	High efficient rubber cover
Belt construction	

Tension member		Polyamide foil
Top side	material	XNBR elastomer
	finish	Fine
	color	blue
Bottom / Pulley side	material	XNBR elastomer
	finish	Rough
	color	grey

Characteristics		
Food Grade (FG)	no	
Antistatic (AS)	yes	
High conductive (HC)	no	

Technical data						
Belt thickness	ISO 2286-3		2.2	mm	0.09	in.
Weight	ISO 290703-1		2.5	kg/m²	0.51	lbs/ft²
Force at 1% elongation	ISO 21181	dynamic	9	N/mm	51.39	lbs/in.
	ISO 527	static	30	N/mm	171.3	lbs/in.
Recommended elongation		min. / max.	2/3	%		
Coefficient of friction, dynamic	ISO 21182	bottom side to steel	0,6			
		top side to steel	0,6			
Minimum pulley diameter	flexing		60	mm	2.36	in.
	back flexing		60	mm	2.36	in.
Operating temperature	continuous	from / to	0 / 80	°C	32 / 176	°F
Belt width	standard		570	mm	22.44	in.
Fabrication						

Recommended splice method

WedgeSkive75D-1.5-2.8

Additional Information

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), unless otherwise stated, individual data may differ. Consult our specialists for further instructions regarding joining, storage & maintenance, tracking & tensioning. Consult our specialists for calculations with our E-RappCalc© technical calculation program.

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